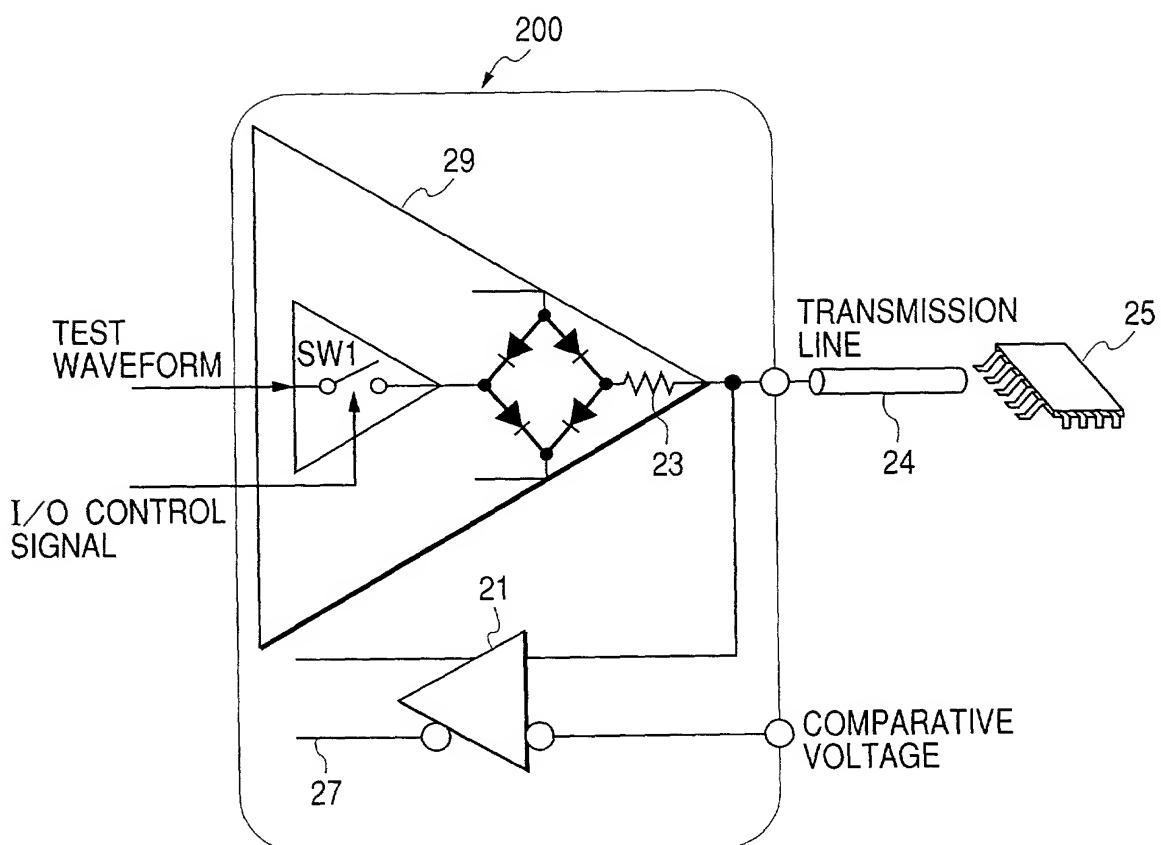
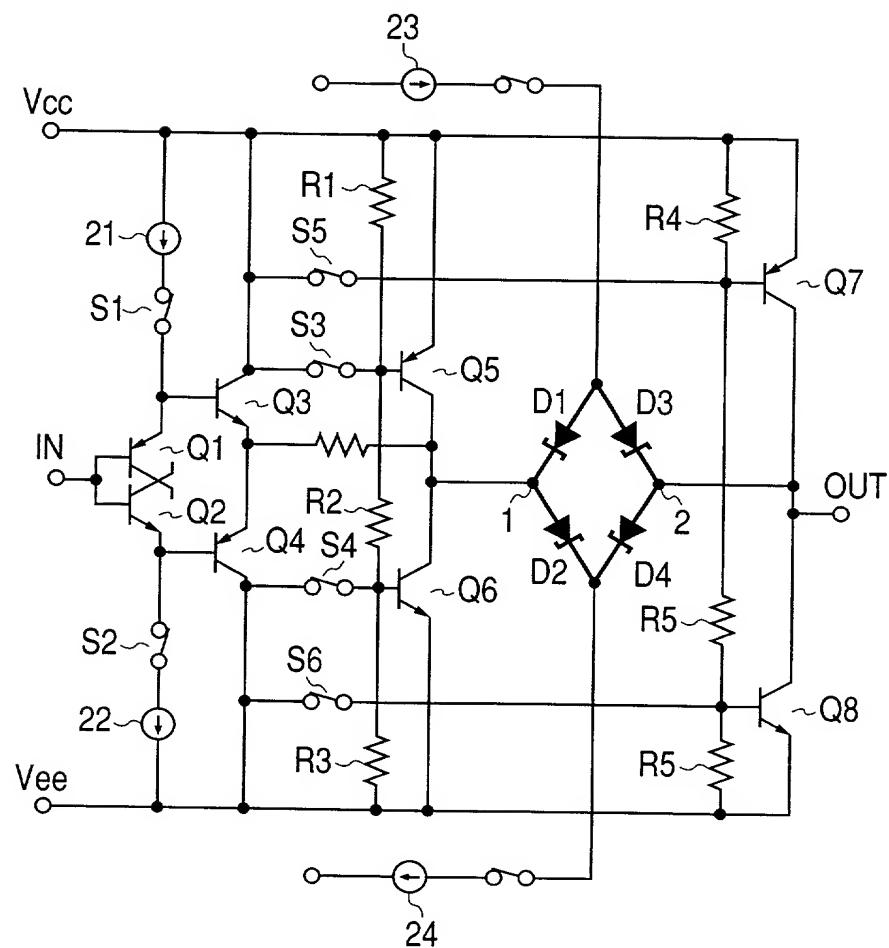


FIG. 1



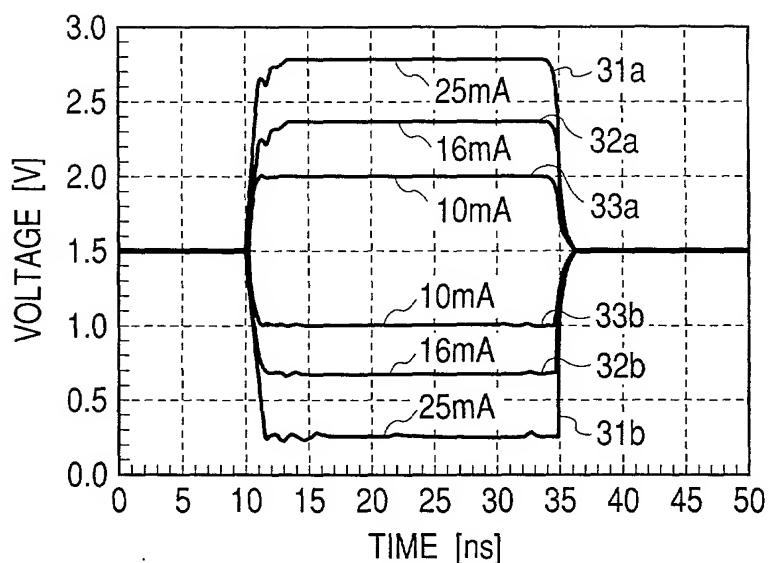
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FIG. 2

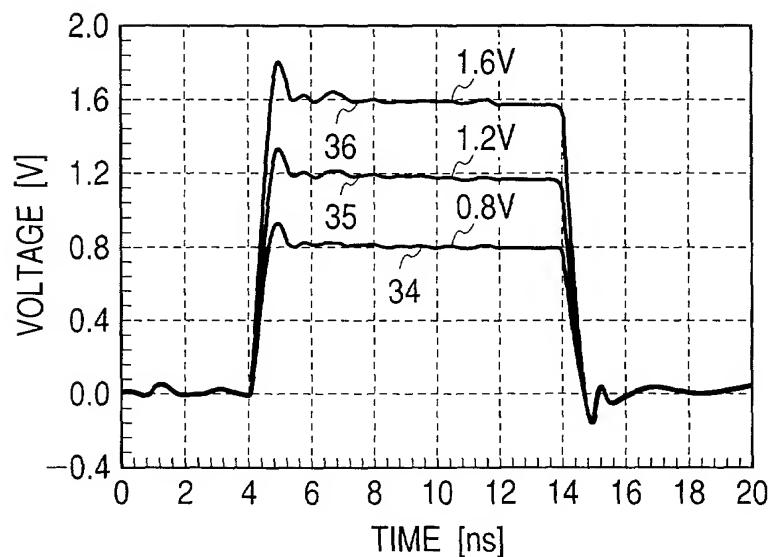


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**FIG. 3A**

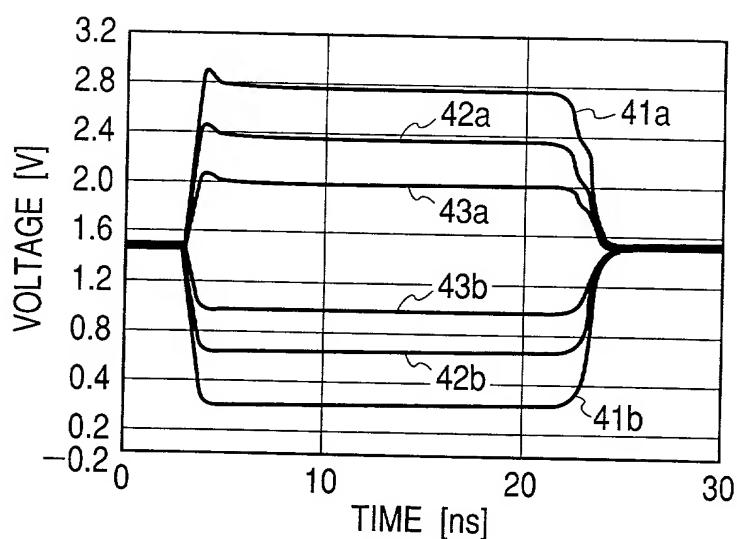


**FIG. 3B**

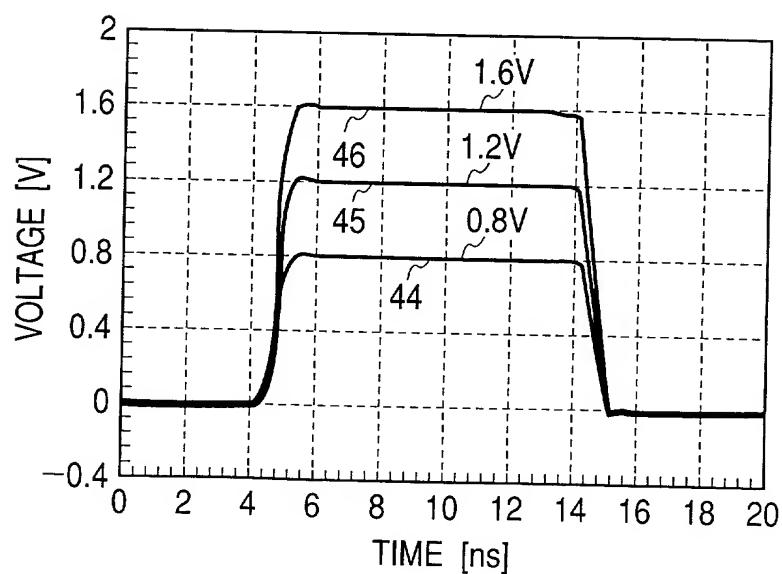


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**FIG. 4A**



**FIG. 4B**



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Title: Driver Circuit Integrated with Load Current Output Circuit, Pin...

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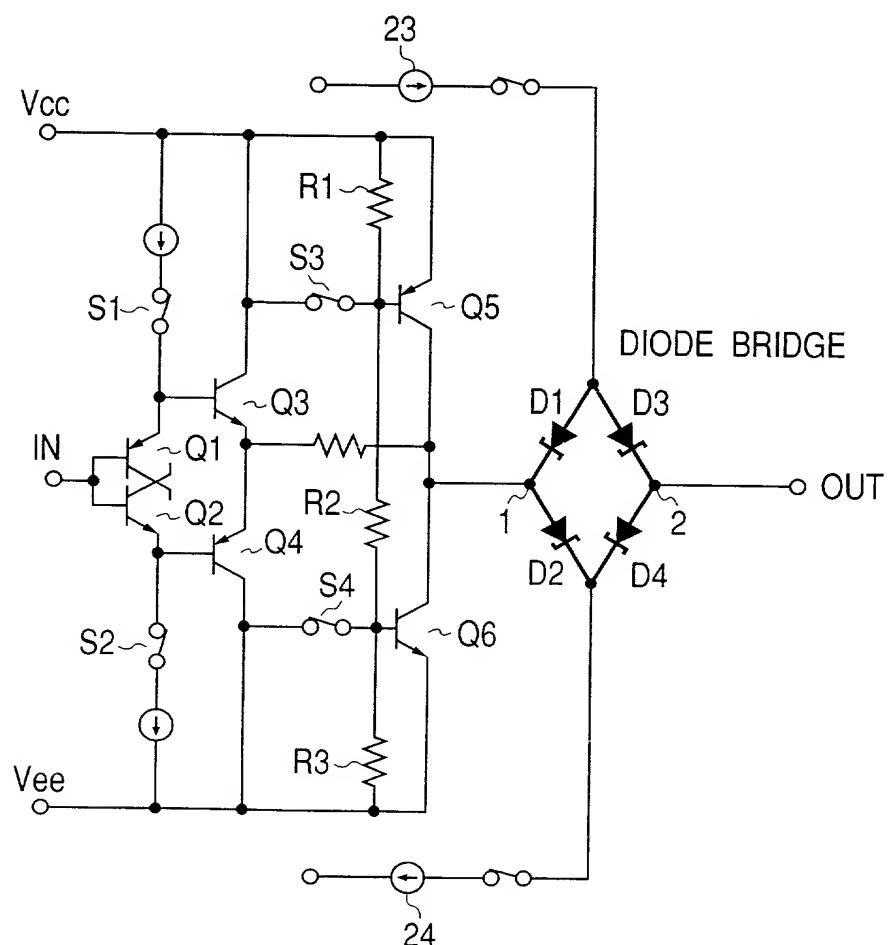
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FIG. 5

ITEMS	INTEGRAL-TYPE DRIVER	CONVENTIONAL DRIVER		DYNAMIC LOAD
ELECTRICITY CONSUMPTION	4.5W	3.6W 7.1W		3.5W
CHIP AREA [mm <sup>2</sup> ]	4.0×4.0 =16.0	3.7×3.7 =22.69		3.0×3.0
MOUNTING AREA [mm <sup>2</sup> ]	460		690	

FIG. 6



Applicant: Keizo Takechi, et al.

Title: Driver Circuit Integrated with Load Current Output Circuit, Pin...

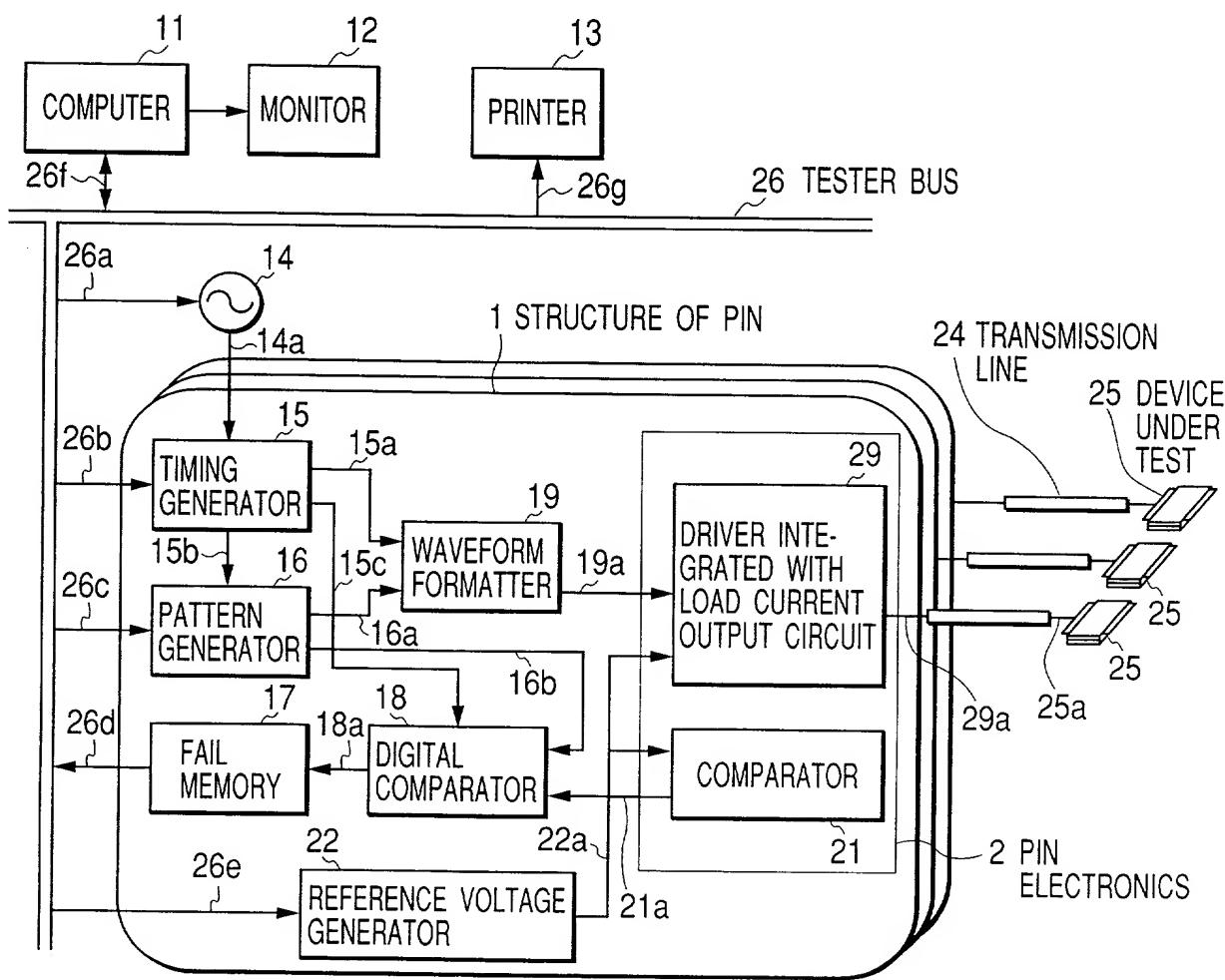
Atty Docket No. 16869N-039000

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**FIG. 7**

ITEMS	CIRCUIT SYSTEM OF FIG. 2	CIRCUIT SYSTEM OF FIG. 3
ELECTRICITY CONSUMPTION	700mW	1500mW
CHIP AREA [mm <sup>2</sup> ]	0.7 (CONVENTIONALLY 1.0)	0.7 (CONVENTIONALLY 1.0)
RISING TIME (1.6V)	200ps	300ps

**FIG. 8**

Applicant: Keizo Takechi, et al.

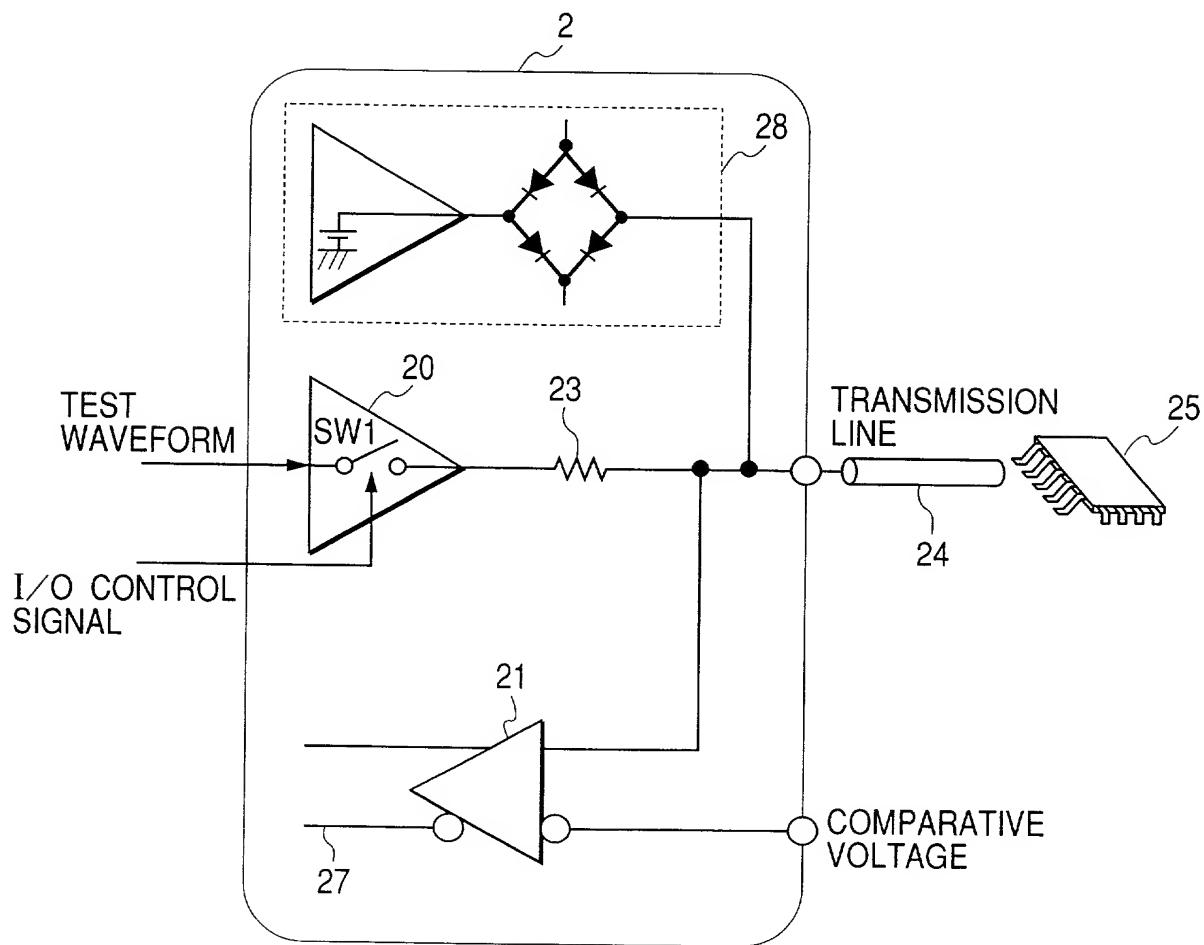
Title: Driver Circuit Integrated with Load Current Output Circuit, Pin...

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# FIG. 9 PRIOR ART



Applicant: Keizo Takechi, et al.

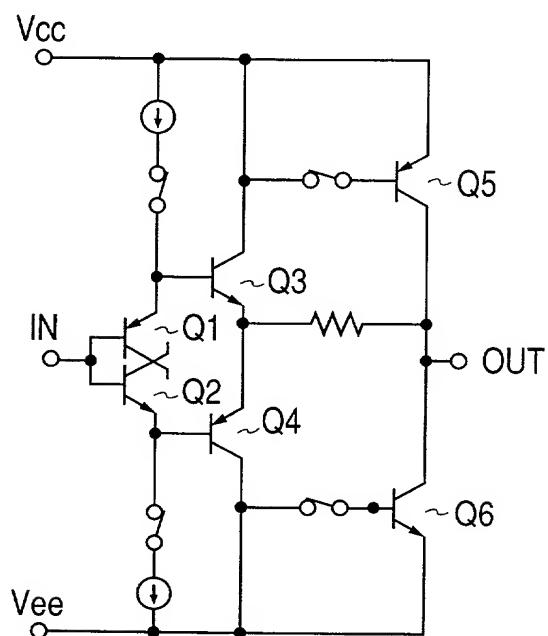
Title: Driver Circuit Integrated with Load Current Output Circuit, Pin...

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**FIG. 10**  
**PRIOR ART**



**FIG. 11**  
**PRIOR ART**

